

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	768	(MIYAKE.in. or TERUHIKO.in. or NAKAYAMA.in. or SHIGEKI.in.) and (exhaust near3 gas) and (engine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:50
S2	212	(MIYAKE.in. or TERUHIKO.in. or NAKAYAMA.in. or SHIGEKI.in.) and (exhaust near3 gas) and (engine) and ("NO.sub.x" or NOx)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:50
S3	175	(MIYAKE.in. or TERUHIKO.in. or NAKAYAMA.in. or SHIGEKI.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and ("NO.sub.x" or NOx)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:51
S4	21	(MIYAKE.in. or TERUHIKO.in. or NAKAYAMA.in. or SHIGEKI.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:54
S5	11	(MIYAKE.in. or TERUHIKO.in. or NAKAYAMA.in. or SHIGEKI.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and (EGR or (exhaust near4 recirculat\$4)) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:55
S6	95	(MIYAKE.in. or TERUHIKO.in. or NAKAYAMA.in. or SHIGEKI.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and ((calculat\$4 or estimat\$4) and ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:52
S7	33	(MIYAKE.in. or TERUHIKO.in. or NAKAYAMA.in. or SHIGEKI.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and (EGR or (exhaust near4 recirculat\$4)) and ((calculat\$4 or estimat\$4) and ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:54

## EAST Search History

S8	1989	(exhaust near3 gas) and (engine) and (cataly\$4) and (EGR or (exhaust near4 recirculat\$4)) and ((calculat\$4 or estimat\$4) and ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:54
S9	1011	(exhaust near3 gas) and (engine) and (cataly\$4) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:54
S10	417	(exhaust near3 gas) and (engine) and (cataly\$4) and (EGR or (exhaust near4 recirculat\$4)) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:55
S11	224	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) near4 (amount or quant\$4)) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:56
S12	207	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) near2 (amount or quant\$4)) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:56
S13	184	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) near2 (amount or quant\$4)) and ((calculat\$4 or estimat\$4) near2 ("NO.sub.x" or NOx) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:57
S14	159	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) near2 (amount or quant\$4)) and ((calculat\$4 or estimat\$4) near2 ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 15:01
S15	55	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) near2 (amount or quant\$4)) and ((calculat\$4 or estimat\$4) near2 ("NO.sub.x" or NOx) ) and (combust\$4 near4 (region or area))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 15:00

## EAST Search History

S16	43	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) near2 (amount or quant\$4)) and ((calculat\$4 or estimat\$4) near2 ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and (("NO.sub.x" or NOx) near4 (combust\$4 near4 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 15:02
S17	16	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) near2 (amount or quant\$4)) and ((calculat\$4 or estimat\$4) near2 ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and (("NO.sub.x" or NOx) near2 (combust\$4 near4 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 15:04
S18	3	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) near2 (amount or quant\$4)) and ((calculat\$4 or estimat\$4) near2 ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) near4 (combust\$4 near4 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 15:06
S19	23	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) near2 (amount or quant\$4)) and ((calculat\$4 or estimat\$4) near2 ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) same (combust\$4 near4 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 11:38
S20	50	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) same (combust\$4 near4 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:17

## EAST Search History

S21	3	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) near4 (combust\$4 near4 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:50
S22	3	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) near4 ( chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:49
S23	32	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ( ("NO.sub.x" or NOx) near2 (combust\$4 near4 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:57
S24	11	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ( ("NO.sub.x" or NOx) near (combust\$4 near4 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:08

## EAST Search History

S25	77	("4008423"   "4439137"   "4556030"   "4664086"   "4676215"   "4727848"   "4958598"   "5172550"   "5201173"   "5219227"   "5222481"   "5231344"   "5293852"   "5333591"   "5351776"   "5437153"   "5438968"   "5457958"   "5473887"   "5564283"   "5595060"   "5606856"   "5682317"   "5698776"   "5711149"   "5724808"   "5778666"   "5806310"   "5826427"   "5850735"   "5854990"   "5884476"   "5910096"   "5956942"   "5956948"   "5970707"   "5974788"   "5975046"   "5983627"   "5988844"   "5992142"   "6003306"   "6014859"   "6055956"   "6058700"   "6085718"   "6101809"   "6109025"   "6116208"   "6119452"   "6138453"   "6141960"   "6173570"   "6173571"   "6178943"   "6199372"   "6199534"   "6230486"   "6233925"   "6237328"   "6244047"   "6244243"   "6257209"   "6269300"   "6269634"   "6336320"   "6349698"   "6378297"   "6422003"   "6446609"   "6463906"   "6467256"   "6470869"   "6484493"   "6499456"   "6510834"   "6513484").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 13:08
S26	70	("5775099"   "5826427"   "5884476"   "6269634"   "6325041"   "6644018"   "6672052"   "6705077"   "6725650"   "6826471"   "6928361").URPN.	USPAT	OR	ON	2006/02/27 13:08

## EAST Search History

S27	145	("4008423"   "4439137"   "4556030"   "4664086"   "4676215"   "4727848"   "4958598"   "5172550"   "5201173"   "5219227"   "5222481"   "5231344"   "5293852"   "5333591"   "5351776"   "5437153"   "5438968"   "5457958"   "5473887"   "5564283"   "5595060"   "5606856"   "5682317"   "5698776"   "5711149"   "5724808"   "5778666"   "5806310"   "5826427"   "5850735"   "5854990"   "5884476"   "5910096"   "5956942"   "5956948"   "5970707"   "5974788"   "5975046"   "5983627"   "5988844"   "5992142"   "6003306"   "6014859"   "6055956"   "6058700"   "6085718"   "6101809"   "6109025"   "6116208"   "6119452"   "6138453"   "6141960"   "6173570"   "6173571"   "6178943"   "6199372"   "6199534"   "6230486"   "6233925"   "6237328"   "6244047"   "6244243"   "6257209"   "6269300"   "6269634"   "6336320"   "6349698"   "6378297"   "6422003"   "6446609"   "6463906"   "6467256"   "6470869"   "6484493"   "6499456"   "6510834"   "6513484").PN. OR ("5775099"   "5826427"   "5884476"   "6269634"   "6325041"   "6644018"   "6672052"   "6705077"   "6725650"   "6826471"   "6928361").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 13:08
S28	7	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ( ("NO.sub.x" or NOx) near (chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:10

## EAST Search History

S29	3	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) near4 (chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:09
S30	7	(exhaust near3 gas) and (engine) and (cataly\$4) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) near4 (chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:13
S31	0	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) near4 (combust\$4 near4 (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:35
S32	0	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) near4 (combust\$4 near2 (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:18
S33	0	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) near2 ("NO.sub.x" or NOx) near2 (combust\$4 near2 (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:18

## EAST Search History

S34	11	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ( ("NO.sub.x" or NOx) near4 (combust\$4 near4 (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:30
S35	0	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4) near4 (combust\$4 near4 (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:40
S36	0	(exhaust near3 gas) and (engine) and (cataly\$4) and ((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx) near4 (combust\$4 near4 (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:36
S37	0	(exhaust near3 gas) and (engine) and (cataly\$4) and (((calculat\$4 or estimat\$4) near4 ("NO.sub.x" or NOx)) near4 ((combust\$4 near4 (region or area))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:37
S38	0	(exhaust near3 gas) and (engine) and (cataly\$4) and (((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx)) near4 ((combust\$4 near4 (region or area))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:38
S39	13	(exhaust near3 gas) and (engine) and (cataly\$4) and (((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx)) same ((combust\$4 near4 (region or area))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:38
S40	106	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4)) and ((combust\$4 near4 (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:40

## EAST Search History

S41	82	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4)) and ((combust\$4 near2 (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:41
S42	47	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4)) and ((combust\$4 near (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:42
S43	2	(exhaust near3 gas) and (engine) and (cataly\$4) and ((EGR or (exhaust near4 recirculat\$4)) same (amount or quant\$4)) and ((calculat\$4 or estimat\$4) same ("NO.sub.x" or NOx) ) and (combust\$4 near4 chamber) and ((calculat\$4 or estimat\$4)) and (("NO.sub.x" or NOx) near4 (combust\$4 near (region or area)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:41